QUALITY CONTROL ABSTRACT (AS PER MORT&H V REVISION)

Name of Work: Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.

Name of Agency :- Sri.A G Narayana Swamy.

Bill: First and Part Bill

Sl No	Description of Items	Test	Test Units	Test Per Qty	Up to Date Qty	Convertion m^3 > m^2	Convertion m^3 > Tonnes	No. Of Sample to Be Conduct for Test	No of Sample Conducted for Test
	For Drain work								
	Plane Cement Concrete -M10				249.27	Cum			
1	Cement Test								
		Setting Time - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Soundness - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Standarad Consistancy IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
2	Fine Aggregate								
		Specific Gravity and Water Absorption (IS 2386 Part. 3)1963	Days	One Source		-	-	1	2
		Sieve Analysis (IS 2386- Part 1)-1963	Days	One Source		-	-	1	2
3	Coarse Aggregate								
		Sieve Analysis (IS 2386- Part 1)-1963	Days	One Source		-	-	1	2

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	Coping M15 Concrete -								
1	Cement Test				11.39	Cum			
		Setting Time Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Soundness Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Standarad Consistancy Test IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
2	Fine Aggregate								
		Specific Gravity and Water Absorption Test (IS 2386 Part. 3)1963	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963	Days	One Source		-	-	1	2
3	Coarse Aggregate								
		Aggrgate impact Value Test (AIV) (IS 2386- Part 4)-1963	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963 20 mm Aggregates	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963 12.5 mm Aggregates	Days	One Source		-	-	1	2

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	M20 Concrete -				543.10	Cum				
1	Cement Test									
		Setting Time Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	4	
		Soundness Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	4	
		Standarad Consistancy Test IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	4	
2	Fine Aggregate									
		Specific Gravity and Water Absorption Test (IS 2386 Part. 3)1963	Days	One Source		-	-	1	4	
		Sieve Analysis Test (IS 2386-Part 1)-1963	Days	One Source		-	-	1	4	
3	Coarse Aggregate									
		Aggrgate impact Value Test (AIV) (IS 2386- Part 4)-1963	Days	One Source		-	-	1	4	
		Sieve Analysis Test (IS 2386-Part 1)-1963 20 mm Aggregates	Days	One Source		-	-	1	4	
		Sieve Analysis Test (IS 2386-Part 1)-1963 12.5 mm Aggregates	Days	One Source		-	-	1	4	
4	Cube Test									
		Compressive Strength Test (IS 516-1959)	Cum	1 Sample for 50m3				11	8	

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	M30 Concrete -								
1	**Cement Test**				221.07	Cum			
		Setting Time Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Soundness Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
		Standarad Consistancy Test IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	2
2	**Fine Aggregate**								
		Specific Gravity and Water Absorption Test (IS 2386 Part. 3)1963	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963	Days	One Source		-	-	1	2
3	**Coarse Aggregate**								
		Aggrgate impact Value Test (AIV) (IS 2386- Part 4)-1963	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963 20 mm Aggregates	Days	One Source		-	-	1	2
		Sieve Analysis Test (IS 2386-Part 1)-1963 12.5 mm Aggregates	Days	One Source		-	-	1	2
4	**Cube Test**								
		Compressive Strength Test (IS 516-1959)	Cum	1 Sample for 50m3				4	4

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	For Road Work								
1	**Granular Sub-Base (GSB)**								
		Gradation	m^3	400.00	1277.54	-	-	3	3
2	**Wet Mix Macadam(WMM)**	**Density of Compacted Layer**	m^2	1000.00	1277.54	6387.70	-	6	6
		Aggrgate impact Value(AIV)	m^3	1000.00	4645.86	-	-	5	5
		Combained Flakiness & Elonga	m^3	500.00	4645.86	-	-	9	9
		Gradation	m^3	400.00	4645.86	-	-	12	12
		Density of Compacted Layer	m^2	1000.00	4645.86	18583.44	-	19	12
	Precast Items								
1	**100mm Thick Pre-Cast Slabs**								
		Core Strength on Harden Concrete (IS 516)	m	Per Batch	1528.89	-	-		9
2	**250mm Thick Pre-Cast Slabs**								
		Core Strength on Harden Concrete (IS 516)	sqm	Per Batch	87.87	-	-		3
3	**Kerbs (pre Cast Kerbs)**								
		Core Strength on Harden Concrete (IS 516)	No's	Per Batch	3351.00	-	-		9

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